Attorney Docket No.: 47237-5008-00-US (227786)

U.S. Application. No.: 10/583,110

Response to Office Action mailed: September 23, 2009 Amendment and Response dated: December 23, 2009

Page 2

AMENDMENTS TO THE CLAIMS:

The following claim listing is to replace all prior listings of the claims.

IN THE CLAIMS:

Claim 1. (Currently Amended): [[A]] An isolated gene coding for a protein having activity of transferring a sugar to the chalcone 4'-position, wherein the protein having activity of transferring a sugar to the chalcone 4'-position has an amino acid sequence of SEQ ID NO: 2.

Claims 2-5. (Canceled).

Claim 6. (Currently Amended): [[A]] <u>The</u> gene according to claim 1, which is derived from the family *Scrophulariaceae*.

Claim 7. (Currently Amended): [[A]] The gene according to claim 6, which is derived from Antirrhinum majus or Linaria bipartita.

Claim 8. (Currently Amended): A vector comprising [[a]] the gene according to claim

1.

Claim 9. (Currently Amended): Host cells An isolated host cell transformed by [[a]] the vector according to claim 8.

Claims 10-11. (Canceled).

Claim 12. (Currently Amended): A plant having [[a]] the gene according to claim 1 introduced therein or a progeny of said plant having the same properties as said plant, wherein the progeny comprises the gene according to claim 1, or a vegitatively propagated plant or tissue

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Page 3

from [[such a]] the plant or plant progeny.

Claim 13. (Currently Amended): Flowers cut from [[a]] the plant or plant progeny according to claim 12.

Claim 14. (Currently Amended): A method for transferring a sugar to the chalcone 4'position [[using]] comprising expressing [[a]] the gene according to claim 1.

Claim 15. (Currently Amended): A plant having modified flower color obtained by introducing and expressing [[a]] the gene according to claim 1 into a plant, or a progeny of said plant having the same properties as said plant, wherein the plant progeny comprises the gene according to claim 1.

Claim 16. (Currently Amended): [[A]] The plant or plant progeny according to claim 15. characterized in that wherein the flower color has a yellow tint.

Claim 17. (Currently Amended): A method [[of]] for altering flower color to yellow in a plant comprising introducing and expressing [[a]] the gene according to claim 1 together with a gene coding for <u>Antirrhinum majus</u> aureusidin synthase in a plant to alter the flower color to yellow.

Claims 18-20. (Canceled).